

Special Issue devoted to papers presented at the International Meeting on Matrix Analysis and Applications, Ft. Lauderdale, FL, 14–16 December 2003

C.-K. Li, H. Woerdeman and F. Zhang	
Preface and Conference Report	1
L.B. Beasley, S.-Z. Song, K.-T. Kang and B.K. Sarma	
Column ranks and their preservers over nonnegative real matrices . .	3
N. Bebiano, R. Lemos, J. da Providência and G. Soares	
On the geometry of numerical ranges in spaces with an indefinite inner product	17
A. Berman and C. Xu	
$\{0, 1\}$ Completely positive matrices	35
J.-T. Chan, C.-K. Li and N.-S. Sze	
Isometries for unitarily invariant norms	53
H. Wu	
On the multiple Nevanlinna–Pick interpolation problems in some matrix-valued function classes	71
E.-X. Jiang	
Perturbation in eigenvalues of a symmetric tridiagonal matrix	91
Y. Wei and H. Diao	
On group inverse of singular Toeplitz matrices	109
Z. Li, F.J. Hall and J.L. Stuart	
Reducible powerful ray pattern matrices.	125
Y.S. Choi, I. Koltracht and P.J. McKenna	
On eigen-structure of a nonlinear map in R^n	141
R. Agaev and P. Chebotarev	
On the spectra of nonsymmetric Laplacian matrices	157
T.I. Seidman, H. Schneider and M. Arav	
Comparison theorems using general cones for norms of iteration matrices.	169
Y. Hachez and H.J. Woerdeman	
Approximating sums of squares with a single square	187
H. Bart, I. Gohberg, M.A. Kaashoek and A.C.M. Ran	
Schur complements and state space realizations	203

Table of Contents continues

Table of Contents continued

V. Prokip	
On similarity of matrices over commutative rings	225
J. Hou and L. Zhao	
Zero-product preserving additive maps on symmetric operator spaces and self-adjoint operator spaces.	235
A. Goldberger and M. Neumann	
Perron–Frobenius theory of seminorms: a topological approach. . . .	245
A. Olshevsky and V. Olshevsky	
Kharitonov’s Theorem and Bezoutians.	285
Author Index to volume 399	299



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>



ELSEVIER

Available online at www.sciencedirect.com

SCIENCE @ DIRECT®

LINEAR ALGEBRA
AND ITS
APPLICATIONS

Linear Algebra and its Applications 399 (2005) 299–300

www.elsevier.com/locate/laa

Author index to volume 399 (2005)

- Agaev, R. and P. Chebotarev, On the spectra of nonsymmetric Laplacian matrices 399 (2005) 157
- Arav, M., see Seidman, T.I. 399 (2005) 169
- Bart, H., I. Gohberg, M.A. Kaashoek and A.C.M. Ran, Schur complements and state space realizations 399 (2005) 203
- Beasley, L.B., S.-Z. Song, K.-T. Kang and B.K. Sarma, Column ranks and their preservers over nonnegative real matrices 399 (2005) 3
- Bebiano, N., R. Lemos, J. da Providência and G. Soares, On the geometry of numerical ranges in spaces with an indefinite inner product 399 (2005) 17
- Berman, A. and C. Xu, $\{0, 1\}$ Completely positive matrices 399 (2005) 35
- Chan, J.-T., C.-K. Li and N.-S. Sze, Isometries for unitarily invariant norms 399 (2005) 53
- Chebotarev, P., see Agaev, R. 399 (2005) 157
- Choi, Y.S., I. Koltracht and P.J. McKenna, On eigen-structure of a nonlinear map in R^n 399 (2005) 141
- da Providência, J., see Bebiano, N. 399 (2005) 17
- Diao, H., see Wei, Y. 399 (2005) 109
- Gohberg, I., see Bart, H. 399 (2005) 203
- Goldberger, A. and M. Neumann, Perron–Frobenius theory of seminorms: a topological approach 399 (2005) 245
- Hachez, Y. and H.J. Woerdeman, Approximating sums of squares with a single square 399 (2005) 187
- Hall, F.J., see Li, Z. 399 (2005) 125
- Hou, J. and L. Zhao, Zero-product preserving additive maps on symmetric operator spaces and self-adjoint operator spaces 399 (2005) 235
- Jiang, E.-X., Perturbation in eigenvalues of a symmetric tridiagonal matrix 399 (2005) 91
- Kaashoek, M.A., see Bart, H. 399 (2005) 203
- Kang, K.-T., see Beasley, L.B. 399 (2005) 3
- Koltracht, I., see Choi, Y.S. 399 (2005) 141
- Lemos, R., see Bebiano, N. 399 (2005) 17
- Li, C.-K., H. Woerdeman and F. Zhang, Preface and Conference Report 399 (2005) 1
- Li, C.-K., see Chan, J.-T. 399 (2005) 53
- Li, Z., F.J. Hall and J.L. Stuart, Reducible powerful ray pattern matrices 399 (2005) 125
- McKenna, P.J., see Choi, Y.S. 399 (2005) 141
- Neumann, M., see Goldberger, A. 399 (2005) 245
- Olshevsky, A. and V. Olshevsky, Kharitonov's Theorem and Bezoutians 399 (2005) 285
- Olshevsky, V., see Olshevsky, A. 399 (2005) 285
- Prokip, V., On similarity of matrices over commutative rings 399 (2005) 225
- Ran, A.C.M., see Bart, H. 399 (2005) 203
- Sarma, B.K., see Beasley, L.B. 399 (2005) 3
- Schneider, H., see Seidman, T.I. 399 (2005) 169
- Seidman, T.I., H. Schneider and M. Arav, Comparison theorems using general cones for norms of iteration matrices 399 (2005) 169
- Soares, G., see Bebiano, N. 399 (2005) 17
- Song, S.-Z., see Beasley, L.B. 399 (2005) 3
- Stuart, J.L., see Li, Z. 399 (2005) 125
- Sze, N.-S., see Chan, J.-T. 399 (2005) 53
- Wei, Y. and H. Diao, On group inverse of singular Toeplitz matrices 399 (2005) 109
- Woerdeman, H., see Li, C.-K. 399 (2005) 1

Woerdeman, H.J., see Hachez, Y. 399 (2005) 187

Wu, H., On the multiple Nevanlinna–Pick interpolation problems in some matrix-valued function classes 399 (2005) 71

Xu, C., see Berman, A. 399 (2005) 35

Zhang, F., see Li, C.-K. 399 (2005) 1

Zhao, L., see Hou, J. 399 (2005) 235